

MD 5 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED VIDEO
DETECTION CAMERAS

a,b,c,d,e

VIDEO DETECTION
ZONE

a-e

AERIAL CABLE DETAIL	
PRIMARY	31'-2"
SECONDARY	24'-4"
CABLE	21'-10"
TOP MAST ARM	19'-4"
GRADE	

RIGHT OF WAY

ONE EXISTING AND ONE PROPOSED
HANDHOLE WITHIN BREAK

MD 5

RIGHT OF WAY

EXISTING SIGNS

13a
Mt. Wolf RD
D-3(1) DUAL FACE SIGN
(VAR. X 16")

13b
Mt. Wolf RD
D-3(1) DUAL FACE SIGN
(VAR. X 16")

14a
Oaks RD
D-3(1) DUAL FACE SIGN
(VAR. X 16")

14b
Oaks RD
D-3(1) DUAL FACE SIGN
(VAR. X 16")

15
R3-6(L)
(30" X 36")

16,17
ONLY
R3-5(L)
(30" X 36")

18a
SOUTH
5
NORTH
M95-1
(24" X 72")

18b
NORTH
5
SOUTH
M95-1
(24" X 72")

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

EXISTING SIGNALS

1,2,5,6
12"

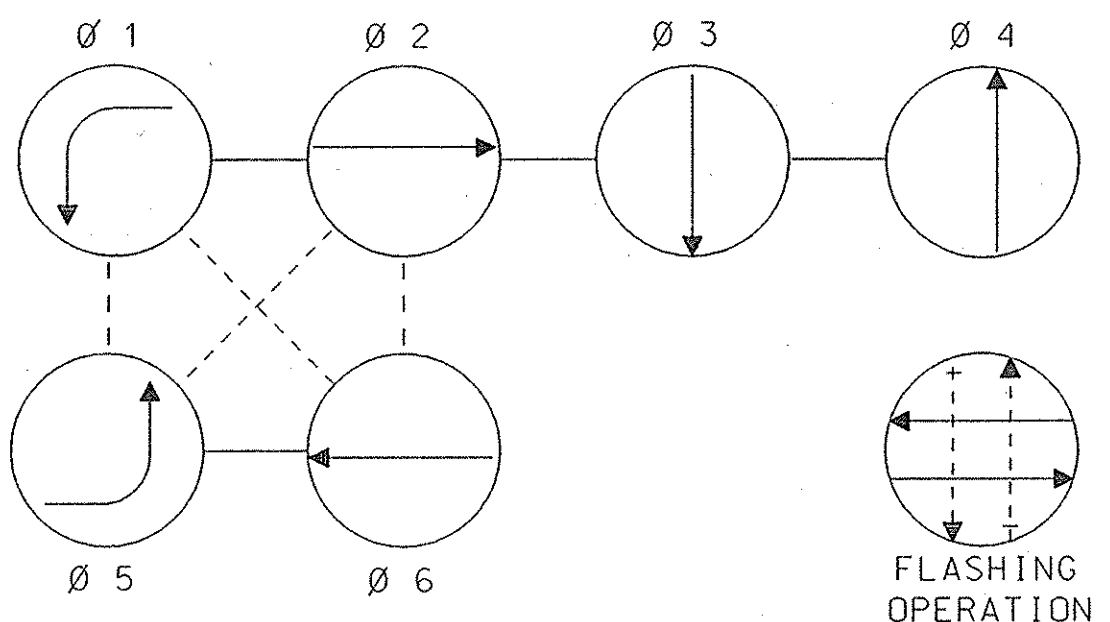
3,4,7,
8,10,12
12"

9,11
12"

EXISTING OPTICOM
DETECTOR EYE

A,B
—○—

NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9087	1 EACH	VIDEO INTERFACE EQUIPMENT: 5-8 CAMERAS

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8002	2 EACH	CONDUIT (UP TO 4 INCHES) BEND IN
8004	PD under pg. 1	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
8011	80 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8013	15 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8026	5 EACH	VIDEO DETECTION CAMERA
8027	3 EACH	CONTROL CABLE, 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER
8028	2 EACH	CONTROL CABLE, 500 FT. VIDEO DETECTION CAMERA TO CONTROLLER

WR&A

Whitman, Requardt
and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

LEGEND OF UNDERGROUND
AND OVERHEAD UTILITIES

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— S —
WATER	— W —
CABLE TV	— TV —

CONSTRUCTION DETAILS

- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT.)
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING STEEL POLE. (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN POLE BASE).
- USE EXISTING MAST ARM POLE.
- USE EXISTING MAST ARM POLE AND INSTALL VIDEO DETECTION CAMERA ON MAST ARM AS NOTED
- ABANDON EXISTING LOOP DETECTOR.
- INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).

TOD No.: AT724-09
SHA No.: SM346A51/B5

REVISIONS

APPROVALS

NO.	DATE	DESCRIPTION	APPROVED
1	4/5/2006	ADD VIDEO DETECTION CONTRACT NO. AT7245185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2	5-10-02	REPLACE DETECTION DUE TO WIDENING	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
3	5-10-02	SHA NO. BW996M82	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
4			DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
MD 5 AT MT. WOLF ROAD/OAKS ROAD

DRAWN BY: L. DUHAMEL	F.A.P. NO. A. LUKAS	TS NO. 3539 A	SHEET NO. 3 OF 3
CHECKED BY: 1" = 20'	S.H.A. NO. ST. MARY'S	T.I.M.S. NO. H778	
SCALE: 7-25-95	COUNTY: LOG MILE:		